



PATENT  
ATTORNEY DOCKET NO.: UCSD1320-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Palsson and Edwards      Art Unit: 1636  
Application No.: 09/940,686      Examiner: Unassigned  
Filed: August 27, 2001  
Title: METHOD FOR THE EVOLUTIONARY DESIGN OF BIOCHEMICAL  
REACTION NETWORKS

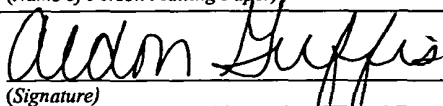
**Mail Stop DD**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 C.F.R. § 1.97, enclosed are references relating to the above-identified application. For the convenience of the Examiner, these references are listed on the attached Form PTO-1449 and copies are enclosed herewith.

It is respectfully requested that these references be considered in the examination of this application and their consideration be made of written record in the application file.

CERTIFICATION UNDER 37 CFR §1.8	
I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on this date, August 15, 2003, in an envelope addressed to: Mail Stop DD, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
Aldon Griffis (Name of Person Mailing Paper)	
 (Signature)	August 15, 2003 (Date)

In re Application of:  
Palsson and Edwards  
Application No.: 09/940,686  
Filed: August 27, 2001  
Page 2

PATENT  
Attorney Docket No.: UCSD1320-1

No fee is deemed necessary in connection with the filing of this Information Disclosure Statement, because it is being filed prior to the receipt of a first office action on the merits of the above-captioned application. However, if any fee is required, authorization is hereby given to charge any fees associated with the filings submitted herewith, or credit any overpayment to Deposit Account No. 50-1355. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Date: August 15, 2003



Lisa A. Haile, J.D., Ph.D.  
Registration No.: 38,347  
Telephone: (858) 677-1456  
Facsimile: (858) 677-1465

**USPTO CUSTOMER NUMBER 28213**  
**GRAY CARY WARE & FREIDENRICH LLP**  
4365 Executive Drive, Suite 1100  
San Diego, CA 92121-2133

<b>FORM PTO-1449</b> U.S. Department of Commerce Patent and Trademark Office	<b>Docket No.:</b> UCSD1320-1	<b>Serial No.:</b> 09/940,686
	<b>Applicants:</b> Palsson and Edwards	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	<b>Filing Date:</b> August 27, 2001	<b>Group Art Unit:</b> 1636

### U.S. PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE

### FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION (YES/NO)

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

AA	Bialy, "Living on the Edges," <i>Nature Biotechnology</i> , 19:111-112, Nature Publishing Group (2001).
AB	Burgard and Maranas, "Probing the Performance Limits of the <i>Escherichia coli</i> Metabolic Network Subject to Gene Additions or Deletions," <i>Biotechnology and Bioengineering</i> , 74(5):365-375, John Wiley & Sons, Inc. (2001).
AC	Edwards and Palsson, "Robustness Analysis of the <i>Escherichia coli</i> Metabolic Network," <i>Biotechnol. Prog.</i> , 16(6):927-939, American Chemical Society and American Institute of Chemical Engineers (2000).
AD	Edwards et al., " <i>In silico</i> Predictions of <i>Escherichia coli</i> Metabolic Capabilities Are Consistent with Experimental Data," <i>Nature Biotechnology</i> , 19:125-130, Nature Publishing Group (2001).

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form 1449

Gray Cary\GTN6361174.1  
101668-57